IFW

May 27, 2004

Date

TRANSMITTAL F		Application No.	10//823,168			
TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Filing Date	April 13, 2004			
		First Named Inventor	Nhon Toai Quach Not Assigned Not Assigned			
		Art Unit				
		Examiner Name				
Total Number of Pages in This Submiss	ion 6	Attorney Docket Number	42P5725C			
ENCLO	SURES (chec	k all that apply)				
Fee Transmittal Form	Drawing(s)	After Allowance Communication to Group			
Fee Attached	Licensing-	related Papers	Appeal Communication to Boar of Appeals and Interferences			
Amendment / Response	Petition		Appeal Communication to Grou (Appeal Notice, Brief, Reply Brief)			
After Final Affidavits/declaration(s)	Petition to Provisiona	Convert a I Application	Proprietary Information			
Extension of Time Request	Power of A Change of	Attorney, Revocation Correspondence Address	Status Letter			
Express Abandonment Request	Terminal 0	Disclaimer	Other Enclosure(s) (please identify below):			
Information Disclosure Statement	Request fo	or Refund	Six (6) cited references ,			
PTO/SB/08 Certified Copy of Priority Document(s)	CD, Numb	er of CD(s)				
Response to Missing Parts/ Incomplete Application	Remarks	1	<u> </u>			
Basic Filing Fee	Page count	does not include cited art.				
Declaration/POA Response to Missing Parts under 37 CFR 1.52 or 1.53						
	E OF APPLICA	NT, ATTORNEY, OR AG	BENT			
Firm James Henry, I	Reg. No. 41,06	4	<u> </u>			
or Individual name BLAKELY, S	SOKQŁOFF.	TAYLOR & ZAFM	AN LLP			
Signature		· · ·				
Date May 27, 2004						
CERTIF	ICATE OF MAI	LING/TRANSMISSION				

Pat Sullivan/

Typed or printed name

OIPE VOIGE

E TRANSMITTAL for FY 2004 Complete if Known Application Number 10//823,168 April 13, 2004 Filing Date Effective 01/01/2004. Patent fees are subject to annual revision. First Named Inventor Nhon Toai Quach Examiner Name Not Assigned Applicant claims small entity status. See 37 CFR 1.27. Not Assigned 42P5725C Art Unit TOTAL AMOUNT OF PAYMENT (\$) Attorney Docket No.

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)				
☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None	3. A	DDITIO	NAL	FEES	3	
Deposit Account	Large	e Entity	Sma	ll Entity	,	
	Fee Code	Fee (\$)	Fee Code	Fee (\$)	For Broad of Sur	E D-id
Deposit Account 02-2666					Fee Description Surcharge - late filing fee or oath	Fee Paid
Number	1051 1052	130 50	2051 2052	65 25	Surcharge - late filling fee or dath Surcharge - late provisional filling fee or	
Account Name Blakely, Sokoloff, Taylor & Zafman LLP					cover sheet.	
The Commissioner is authorized to: (check all that apply)	2053 1812	130 2,520	2053 1812	130 2,520	Non-English specification For filing a request for ex parte reexamination	
Charge fee(s) indicated below Credit any overpayments	1804	920*	1804	920 *	Requesting publication of SIR prior to	
Charge any additional fee(s) or undemayment of fees as required under 37		4.040*		4 040 *	Examiner action	
CFR §§ 1.16, 1.17, 1.18 and 1.20. Charge fee(s) indicated below, except for the filing fee	1805	1,840 *	1805	1,840	Requesting publication of SIR after Examiner action	
to the above-identified deposit account	1251	110	2251	55	Extension for reply within first month	
FEE CALCULATION	1252	420	2252	210	Extension for reply within second month	
1. BASIC FILING FEE	1253	950	2253	475	Extension for reply within third month	
Large Entity Small Entity	1254	1,480	2254	740	Extension for reply within fourth month	
Fee Fee Fee Fee Fee Description Fee Paid Code (5)	1255	2,010	2255	1,005	Extension for reply within fifth month	
1001 770 2001 385 Utility filing fee	1404	330	2401	165	Notice of Appeal	
1002 340 2002 170 Design filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
1003 530 2003 265 Plant filling fee	1403	290	2403	145	Request for oral hearing	<u> </u>
1004 770 2004 385 Reissue filing fee	1451	1,510	2451	1,510	Petition to institute a public use proceeding	
1005 160 2005 80 Provisional filing fee	1452	110	2452	55	Petition to revive - unavoidable	
SUBTOTAL (1) (\$)	1453	1,330	2453	665	Petition to revive - unintentional	
SUBTOTAL (1)	1501	1,330	2501	665	Utility issue fee (or reissue)	
2. EXTRA CLAIM FEES Extra Fee from	1502	480	2502	240	Design issue fee	
Claims below Fee Paid	1503	640	2503	320	Plant issue fee	
Total Claims - 20° = X	1460	130	2460	130	Petitions to the Commissioner	
Independent 3 = X =	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Multiple Dependent =	1806	180	1806	180	Submission of Information Disclosure Stmt	
Large Entity Small Entity	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
Fee Fee Fee <u>Fee Description</u> Code (\$) Code (\$)	1809	770	1809	385	Filing a submission after final rejection	
1202 18 2202 9 Claims in excess of 20		_			(37 CFR § 1.129(a))	
1201 86 2201 43 Independent claims in excess of 3	1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1203 290 2203 145 Multiple Dependent claim, if not paid 1204 86 2204 43 **Reissue independent claims over original	1801	770	2801	385	Request for Continued Examination (RCE)	
1204 86 2204 43 "Reissue independent claims over original patent	1802	900	1802	900	Request for expedited examination	
1205 18 2205 9 **Reissue claims in excess of 20 and over original patent	Other fe	e (specify)			of a design application	
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SUBTOTAL (2) (\$)	Reduced	l by Basic Filin	g Fee Pai	d	SUBTOTAL (3) (S)	 7
**or number previously paid, if greater, For Reissues, see below						
SUBMITTED BY					Complete (if applica	ble)

SUBMITTED B	BY /				Comp	lete (if applicable)
Name (Print/Type)	James Henry	1	Registration No. (Attorney/Agent)	41,064	Telephone	(714) 557-3800
Signature		1			Date	05/27/04

Based on PTO/SB/17 (10-03) as modified by Blanch Solowoff, Taylor & Zafman (wir) 02/10/2004. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450 OIPE VOTOR

FEE TRANSMITTAL for FY 2004

Effective 01/01/2004. Patent fees are subject to annual revision.

(\$)

Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT

Complete if Known

Application Number 10//823,168

Filing Date April 13, 2004

First Named Inventor Nhon Toai Quach

Examiner Name Not Assigned

Art Unit Not Assigned

Attorney Docket No. 42P5725C

05/27/04

Date

METHOD OF PAYMENT (check all that apply)				FE	E CALCULATION (continued)		
Charles Configured Money Copher Dates		3. ADDITIONAL FEES					
Check Ci Credit card Corder Ci Order		e Entity	ı Smal	II Entity	,		
Deposit Account	Fee	Fee	Fee	Fee	_		
Deposit Account 02-2666	Code	(\$)	Code	(2)	Fee Description	Fee Paid	
Account Number 02-2666	1051	130	2051	65	Surcharge - late filing fee or oath		
Deposit	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.		
Account Name Blakely, Sokoloff, Taylor & Zafman LLP	2053	130	2053	130	Non-English specification		
The Commissioner is authorized to: (check all that apply)	1812	2,520	1812	2,520	For filing a request for ex parte reexamination		
Charge fee(s) indicated below Credit any overpayments	1804	920 *	1804	920 1	 Requesting publication of SIR prior to Examiner action 		
Charge any additional fee(s) or underpayment of fees as required under 37	1805	1,840*	1805	1,840 1	* Requesting publication of SIR after		
CFR §§ 1.16, 1.17, 1.18 and 1.20. Charge fee(s) indicated below, except for the filling fee	1005	1,040	1000	1,0-0	Examiner action		
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1204 86 2204 43 **Reissue independent claims over original patent	1802	900	1802	900	Request for expedited examination		
1205 18 2205 9 **Reissue claims in excess of 20 and over original patent	Other fe	e (specify)			of a design application		
SUBTOTAL (2) (\$)							
**or number previously paid, if greater, For Reissues, see below	*Reduced	l by Basic Filin	g Fee Pai	d	SUBTOTAL (3) (\$)		
	-						
SUBMITTED BY	R	egistratio	n No	$\overline{}$	Complete (if applie		
Name (Print/Type) James Henry ///		ttomey/Age		4	41,064 Telephone (714) 55	7-3800	

Based on PTO/SB/17 (10-03) as involified by Blakey 800koff, Taylor & Zafman (wir) 02/10/2004. SEND TO: Commissioner for Paterits, P.O. Box 1450, Alexandria, VA 22313-1450

Signature



Docket No.: 42P5725C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

NHON TOAI QUACH

Application No.: 10//823,168

Filed: April 13, 2004

For: **COMBINED TAG AND DATA ECC FOR**

ENHANCED SOFT ERROR RECOVERY

FROM CACHE TAG ERRORS

Art Group: Not Assigned

Examiner: Not Assigned

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure, enclosed is a copy of Information Disclosure Statement by Applicant (form PTO/SB/08), which is being submitted before the mailing of a first Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s). Some or all of the references listed on the enclosed PTO/SB/08 were previously identified in the parent application (Application No. 09/321,060, filed May 27, 1999) and copies of the references were furnished at that time. Accordingly, per 37 CFR §1.98(d)(1) additional copies of those references are not submitted herewith.

-1- 42P5725C

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Applicant has concurrently submitted an electronic Information Disclosure Statement (IDS) for the above-referenced patent application. In the concurrently filed electronic IDS submission, it was requested that any requisite fees be debited from Deposit Account 02-2666. Applicant respectfully requests that only one fee be debited for these concurrently filed IDS submissions if such fees are required.

Respectfully submitted,

BLAKELY/SOKOLOFF, TAYLOR & ZAFMAN LLP

es Henry, Reg. No. 41,064

Date: May 27, 2004

12400 Wilshire Boulevard, 7th Floor Los Angeles, CA 90025

Telephone: (714) 557-3800

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

it Salivan

Pat Sullivan

Date

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 1 of 1

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Complete if Known				
Application Number	10//823,168			
Filing Date	April 13, 2004			
First Named Inventor	Nhon Toai Quach			
Art Unit	Not Assigned			
Examiner Name	Not Assigned			
Attorney Docket Number	42P5725C			

	NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²			
		HANG LIU, "Adaptive source rate control for real-time wireless video transmission," Mobile Networks and Applications 3 (1998) 49-60				
. <u>-</u>		HANG LIU, "Performance of H.263 Video Transmission over Wireless Channels Using Hybrid ARQ," IEEE Journal on Selected Areas in Communications, Vol 15, No. 9, December 1997				
		HANG LIU, "Error control schemes for networks: An overview," Mobile Networks and Applications 2 (1997) 167-182	*			
-		"Hybrid Selective Repeat ARQ With Finite Buffer," IBM Technical Disclosure Bulletin, November 1981, Vol. No. 4, Issue No. 6				
		RITTHONGPITAK, "Optimal Two-Level Unequal Error Control Codes for Computer Systems," Graduate School of Information Science and Engineering, Tokyo Institute of Technology, Proceedings of FTCS-26, pps. 190-199				
		DE ALFARO, "Codes for Second and Third Order GH-ARQ Schemes," IEEE Transactions on Communications, Vol. 42, No. 2/3/4 1994, pps. 899-910				
			,			
			,			

Examiner	Date	
Signature	Considered	

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

^{&#}x27;Applicant's unique citation designation number. 'Applicant is to place a check mark here if English language Translation is attached.